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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/816,584	03/30/2004	Nicholas Nam	384938062US	8415

62294 7590 03/23/2007
PERKINS COIE LLP
P.O. BOX 1247 PATENT-SEA
SEATTLE, WA 98111-1247

EXAMINER

TRINH, TAN H

ART UNIT PAPER NUMBER

2618

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/816,584	NAM, NICHOLAS	
	Examiner	Art Unit	
	TAN TRINH	2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 7-8 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Adair (U.S. Pub. No. 2002/0089589).

Regarding claim 7, Adair teaches a mobile device (see figs. 5-6), comprising: an interface (see fig. 6, interface 34 for video switch, and fig. 9b, interface 57, (video out 57, to remote video device 60); a display (30 and 60) coupled to the interface (34 and 57) (see fig. 6 and fig. 9b, Video monitor (30) and Remote Video device (60) coupled to interface to Video processor board 50); and an image input unit (10) coupled to the processing unit (50) (see fig. 6, Camera module 10 and camera on/off switch 66, coupled to the processing unit 50); the image input unit (10) providing image or video in first format for viewing on the display (30 and 60) (see fig. 6, page 5-6, section [0049]), Adair teaches that the image signal (21) generated by the image input (10) are processed by the processing unit (50) and outputted by the interface (57) to video format compatible device (60) for display or storage (see fig. 6), the processing unit (50) operative to convert from the first to a second format (see fig. 9b, NTSC/PAL Encoder 134 for convert from the first to a second format, page 9, section [0067]), the video format compatible device (60) being a display device not capable of cellular communications (see fig. 6, pages 5-6, section [0049], see the remote compatible video device 60, such as a television or computer monitor

with format NTSC/PAL and VGA, also video signal format to YUV 4:2:2 and compress video signal format JPEG). In this case the remote compatible video device 60, such as a television or computer monitor with first to a second NTSC/PAL format display device, this device not capable of cellular communications. But can use for cellular phone external display.

Regarding claim 8, Adair teaches the display is configured to simultaneously present the image signals with the video format compatible device (60) (see fig. 6, the display 30 and 60, on directly viewed on remote compatible device (60), page 5, section [0049]).

Regarding claim 10, Adair teaches the video format compatible device is selected from a group including a television and a monitor (see fig. 6, remove video device 30 can be a television or a monitor, see pages 5-6, section [0049]).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Adair (U.S. Pub. No. 2002/0089589) in view of Tsukamoto (U.S. Pub. No. 2003/0050059).

Regarding claim 9, Adair teaches a memory (EEPROM 143) coupled to the processing unit (see fig. 10b), and the image device which captures images and stores them within the structure of each of the pixels in array of pixels found in the imaging device (see fig. 9a and page 2 section [0019]). But Adair does not mention the memory configured to simultaneously store the image signals with the video format compatible device.

However, Tsukamoto teaches the memory configured to simultaneously store the image signals with the video format compatible device (see fig. 2, ROM 111 and RAM 112 coupled to the processing unit 104, and page 2, section [0030]). In this case, Tsukamoto teaches the memory configured to simultaneously store the image with the video format compatible device can be an external device provided removable memory (memory stick, flash ROM, video card memory) or the like (hereinafter referred to as viewer function), see page 2, section [0030]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify above teaching of Adair with Tsukamoto, in order to provide image store in memory (or removable memory) and making it possible to share data with other electronic devices via the memory.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

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MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(571) 273-8300, (for Technology Center 2600 only)

*Hand-delivered responses should be brought to the Customer Service Window (now located at the **Randolph Building, 401 Dulany Street, Alexandria, VA 22314**).*


7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan Trinh whose telephone number is (571) 272-7888. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiners supervisor, Anderson, Matthew D., can be reached at (571) 272-4177.

The fax phone number for the organization where this application or proceeding is assigned is **(571) 273-8300**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600 Customer Service Office** whose telephone number is **(703) 306-0377**.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tan H. Trinh 
Division 2618
March 19, 2007

Anderson, Matthew D. (SPE 2618)

